Welcome: Dr. Janet Nelson, UI Vice President of Research

Keynote Speaker: Josh Hartung, Founder of PolySync
Perspectives on the Use of Deep Learning in Autonomous Cars

Break

Lightning Talk: Dr. Larry Forney, UI Biological Sciences
Causes and consequences of spatial structure in the microbial world

Lightning Talk: Dr. Jason Kelley, UI Soil & Water Systems
Use of neural networks for data assimilation and analysis

Lightning Talk: Dr. Katherine Hegewisch, UI Geography
Visualizing Climate and Remote Sensing Datasets on the Web

Lightning Talk: Brian Jemes, UI ITS
Network Monitoring, Troubleshooting and Planning Tools for UI, IRON, and Internet 2

IBEST Computational Resources Core (CRC) Key Speaker: Dr. Benji Oswald
CRC: Your partner in high-performance computing

Lunch

Lightning Talk: Amanda Stahlke, BCB PHD Student
Novel range expansion in Diorhabda carinulata: The northern tamarisk leaf beetle gone south

Lightning Talk: Dr. Michael Overton, UI Politics & Philosophy
Public sector data literacy

Lightning Talk: Dr. Audrey Fu, UI Statistical Sciences
Imputation of single-cell gene expression with deep learning

Lightning Talk: Tanner Varrelman, BCB PHD Student
Forecasting Lassa Fever Epidemics

Northwest Knowledge Network (NKN) Key Speaker: Dr. Luke Sheneman
NKN: Enabling Science With an Interactive Data Observatory

Lightning Talk: Dr. Jason Karl, UI Forestry, Rangeland, and Fire Sciences
Remote sensing, times series, drone sensing

Lightning Talk: Dr. Ross Kunz, Idaho National Laboratory
Idaho National Laboratory and Data Analytics

Lightning Talk: Dr. Marek Borowiec, UI Entomology, Plant Pathology, and Nematology
Manipulation/trimming large sequence alignments/deep learning for automated species identification from images

Lightning Talk: Dr. James Alves-Foss, UI Computer Science
Security and Privacy in the world of Big Data

IBEST Genomics Resources Core (GRC) Key Speaker: Dr. Sam Hunter
GRC: Putting Genomics to Work for Idaho

Poster Session and Reception

Closing Remarks: Dr. Barrie Robison, IBEST Director